

ETIC Needs Assessment Table Of Figures

Figure 1 – Communication Interactions, Carter County	4-2
Figure 2 – Communications Improvements, Carter County	4-15
Figure 3 – Critical Success Factors, Carter County	4-16
Figure 4 – Dead Spots, Carter County	4-17
Figure 5 – Communication Interactions, Custer County.....	4-19
Figure 6 – Communications Improvements, Custer County.....	4-48
Figure 7 – Critical Success Factors, Custer County.....	4-49
Figure 8 – Dead Spots, Custer County.....	4-50
Figure 9 – Communication Interactions, Dawson County	4-52
Figure 10 – Communications Improvements, Dawson County	4-90
Figure 11 – Critical Success Factors, Dawson County	4-91
Figure 12 – Dead Spots, Dawson County	4-92
Figure 13 – Communication Interactions, Fallon County	4-93
Figure 14 – Communications Improvements, Fallon County	4-101
Figure 15 – Critical Success Factors, Fallon County	4-102
Figure 16 – Communication Interactions, Garfield County	4-104
Figure 17 – Communications Improvements, Garfield County	4-110
Figure 18 – Critical Success Factors, Garfield County.....	4-111
Figure 19 – Dead Spots, Garfield County	4-112
Figure 20 – Communication Interactions, McCone County.....	4-113
Figure 21 – Communications Improvements, McCone County.....	4-130
Figure 22 – Critical Success Factors, McCone County.....	4-131
Figure 23 – Dead Spots, McCone County.....	4-132
Figure 24 – Communication Interactions, Powder River County	4-134
Figure 25 – Communications Improvements, Powder River County	4-152
Figure 26 – Critical Success Factors, Powder River County	4-153
Figure 27 – Dead Spots, Powder River County	4-154
Figure 28 – Communication Interactions, Prairie County.....	4-155
Figure 29 – Communications Improvements, Prairie County.....	4-177
Figure 30 – Critical Success Factors, Prairie County.....	4-178
Figure 31 – Dead Spots, Prairie County.....	4-179
Figure 32 – Communication Interactions, Richland County	4-180
Figure 33 – Communications Improvements, Richland County	4-219
Figure 34 – Critical Success Factors, Richland County	4-220
Figure 35 – Dead Spots, Richland County	4-221
Figure 36 – Communication Interactions, Wibaux County	4-222
Figure 37 – Communications Improvements, Wibaux County	4-239
Figure 38 – Critical Success Factors, Wibaux County	4-240
Figure 39 – Dead Spots, Wibaux County	4-241
Figure 40 – The Existing Antenna Sites Of The ETIC.....	4-272
Figure 41 – Carter County Antenna Sites.....	4-273
Figure 42 – Detail Of W. Butte Antenna Sites	4-274
Figure 43 – Custer County Antenna Sites	4-288
Figure 44 – Detail Of Miles City Antenna Sites	4-289
Figure 45 – Detail Of Government Hill Antenna Sites	4-290
Figure 46 – Dawson County Antenna Sites	4-308
Figure 47 – Detail Of Glendive Antenna Sites.....	4-309
Figure 48 – Fallon County Antenna Sites.....	4-330
Figure 49 – Detail Of Baker Antenna Sites	4-331
Figure 50 – Detail Of Willard-Area Antenna Sites	4-332

Figure 51 – Garfield County Antenna Sites	4-351
Figure 52 – McCone County Antenna Sites	4-364
Figure 53 – Detail Of Circle Antenna Sites.....	4-365
Figure 54 – Powder River County Antenna Sites	4-375
Figure 55 – Prairie County Antenna Sites	4-387
Figure 56 – Richland County Antenna Sites	4-396
Figure 57 – Detail Of Sidney Antenna Sites.....	4-397
Figure 58 – Wibaux County Antenna Sites.....	4-419
Figure 59 – Detail Of Wibaux Antenna Sites.....	4-420
Figure 60 – Potential Makoshika Sites Surveyed.....	4-434
Figure 61 – Potential Richland Sites Surveyed.....	4-439
Figure 62 – Communications Improvements, Ten County ETIC Total.....	4-447
Figure 63 – Success Factors, Ten County ETIC Total.....	4-448
Figure 64 – “Dead” Spots, Consortium-Wide	4-449
Figure 65 – Preliminary Design, P25, Trunked Sites With Microwave Links	4-454
Figure 66 – Preliminary Design, Potential Coverage Map	4-455
Figure 67 – Preliminary Design, P25, Trunked Sites, Carter County.....	4-458
Figure 68 – Preliminary Design, P25, Trunked Sites, Custer County	4-460
Figure 69 – Preliminary Design, P25, Trunked Sites, Dawson County	4-462
Figure 70 – Preliminary Design, P25, Trunked Sites, Fallon County	4-464
Figure 71 – Preliminary Design, P25, Trunked Sites, Garfield County	4-466
Figure 72 – Preliminary Design, P25, Trunked Sites, McCone County	4-468
Figure 73 – Preliminary Design, P25, Trunked Sites, Powder River County	4-470
Figure 74 – Preliminary Design, P25, Trunked Sites, Prairie County	4-472
Figure 75 – Preliminary Design, P25, Trunked Sites, Richland County.....	4-473
Figure 76 – Preliminary Design, P25, Trunked Sites, Wibaux County.....	4-475
Figure 77 – Preliminary High-Level Workplan & Gantt Chart – Next Phase	4-481
Figure 78 – Preliminary Detailed Workplan & Gantt Chart – Next Phase	4-483
Figure 79 – Proportion Of P25 Capable Or Upgradeable Base Stations In The ETIC	D-1
Figure 80 – Proportion Of P25 Capable Or Upgradeable Repeaters In The ETIC	D-1
Figure 81 – Proportion Of P25 Capable Or Upgradeable Mobile Radios In The ETIC (Number of P25 Upgradeable Mobiles (Two) Is Less Than 0.5%)	D-2
Figure 82 – Proportion Of P25 Capable Or Upgradeable Portable Radios In The ETIC	D-2